

- 2 -

in the computer system:

- Amended A1*
- (b) receiving indicating data from a sensing device, the indicating data being indicative of: the at least one interactive element; and movement data generated by the sensing device, the movement data being indicative of the sensing device's movement relative to the interface system, the indicating data being sensed when the sensing device is placed in an operative position relative to the interface surface;
 - (c) receiving the movement data from the sensing device;
 - (d) identifying the at least one interactive element from the indicating data; and
 - (e) operating the computer software at least partly in reliance on the movement data, and in accordance with instructions associated with the at least one interactive element.

3. (Amended) A method according to claim 2, wherein the interactive element is a hyperlink element relating to the computer software, the method including the step of effecting, in the computer system, an operation associated with the hyperlink element.

A2

7. (Amended) A method according to claim 2, wherein the interactive element is a checkbox field relating to the computer software, the method including the steps of identifying, in the computer system, that the user has entered a hand-drawn mark by means of the sensing device and effecting, in the computer system, an operation associated with the checkbox field.

A3

10. (Amended) A method according to claim 2, wherein the interactive element is a text field relating to the computer software, the method including the steps of identifying, in the computer system, that the user has entered handwritten text data by means of the sensing device and effecting, in the computer system, an operation associated with the text field.

A4

14. (Amended) A method according to claim 2, wherein the interactive element is a signature field relating to the computer software, the method including the steps of identifying, in the computer system, that the user has entered a handwritten signature by

- 3 -

Concld
A4

means of the sensing device and effecting, in the computer system, an operation associated with the signature field.

A5

19. (Amended) A method according to claim 2, wherein the interactive element is a drawing field related to the computer software, the method including the steps of identifying, in the computer system, that the user has entered a hand-drawn picture by means of the sensing device and effecting, in the computer system, an operation associated with the drawing field.

A6

22. (Amended) A method according to claim 2, wherein the step of printing the interface surface onto the substrate is performed on demand.

A7

24. (Amended) A method according to claim 2, wherein the coded data is printed onto the surface to be substantially invisible to an unaided human eye.

25. (Amended) A method according to claim 2, including the step of retaining a retrievable record of each interface surface printed, the interface surface being retrievable using the identity contained in its associated coded data.

26. (Amended) A method according to claim 2, including the step of distributing a plurality of the interface surfaces using a mixture of multicast and pointcast communications protocols.

27. (Amended) A method according to claim 2, the sensing device containing an identification means that imparts a unique identity to the sensing device and identifies it as belonging to a particular user, wherein the method includes the step of monitoring, in the computer system, said identity.

- 4 -

28. (Amended) A method according to claim 2, including the step of providing sufficient information relating to the computer software in the interface surface to eliminate the need for a separate display device.

incl
a¹

29. (Amended) A method according to claim 2, wherein the interface surface is printed on multiple pages, the method including the step of binding the pages.

30. (Amended) A method according to claim 2, wherein the coded data includes at least one tag, each tag being indicative of the at least one interactive element.

a⁸

40. (Amended) A method according to claim 30, wherein each of the tags includes at least one common feature in addition to the identity data.

a⁹

61. (Amended) A method according to claim 30, wherein the identity data is represented in a format incorporating redundancy of information.

a¹⁰

81. (Amended) A method according to claim 2, including the step of providing the user with printed information including position elements, the position elements being disposed on a surface, the sensing device being configured to periodically sense position elements as it is used to draw the user input onto the surface, the method including the step of generating the movement data in the form of a locus of the sensing means in relation to the surface by ascertaining relative displacement of the sensing means with respect to at least one of the position elements.

a¹¹

84. (Amended) A method according to claim 2, wherein the movement data is generated by ascertaining a locus of the sensing device in relation to the surface by ascertaining relative movement of one or more motion sensing elements rotatably mounted to the sensing device for contact with the surface while the sensing device is used to draw the user input thereon.

- 5 -

a¹²
88. (Amended) A system for enabling user interaction with computer software running in a computer system via:

an interface surface including: information relating to the computer software; and coded data indicative of at least one interactive element relating to the computer software, the information and coded data having been printed substantially simultaneously onto a substrate to form the interface surface; and

a sensing device that senses, when placed in an operative position relative to the interface surface and via the coded data, indicating data indicative of the at least one interactive element and generates movement data indicative of the sensing device's movement relative to the interface surface;

the system being configured to, in the computer system:

- (a) receive the indicating data from the sensing device;
- (b) receive the movement data from the sensing device;
- (c) identify the at least one interactive element from the indicating data; and
- (d) operate the computer software at least partly in reliance on the movement data, and in accordance with instructions associated with the at least one interactive element.

89. (Amended) A system for enabling user interaction with computer software running in a computer system, the system including:

an interface surface including: information relating to the computer software; and coded data indicative of at least one interactive element relating to the computer software, the information and coded data having been printed substantially simultaneously onto a substrate to form the interface surface;

the system being configured to, in the computer system:

- (a) receive indicating data from a sensing device, the indicating data being indicative of the at least one interactive element, wherein the sensing device, when placed in an operative position relative to the interface surface, senses the indicating data via the coded

- 6 -

data and generates movement data indicative of the sensing device's movement relative to the interface surface;

- Amended
Q12*
- (b) receive the movement data from the sensing device;
 - (c) identify the at least one interactive element from the indicating data; and
 - (d) operate the computer software at least partly in reliance on the movement data, and in accordance with instructions associated with the at least one interactive element.
-

Q13

108. (Amended) A system according to claim 106, the computer system being configured to send, to the computer software, data indicative of at least the drawing field.

Q14

112. (Amended) A system according to 88 or 89, the computer system including a printer to print the information onto the interface surface on demand prior to use of the sensing device to sense the indicating data.

Q15

169. (Amended) A system according to claim 167, wherein the accelerometers are configured to measure at least two orthogonal components of acceleration.

Q16

177. (Amended) A region according to any one of claims 1 to 6, 35, 38 to 43, 55 to 64, or 67, wherein the coded data is machine readable, and the information represented by the coded data is substantially inscrutable to an unaided human.

178. (Amended) A method according to any one of claims 82 to 88, 93, or 96 to 99, wherein the coded data is machine readable, and the information represented by the coded data is substantially inscrutable to an unaided human.
